- 1. A method for regenerating an NO_x removal catalyst employed in a flue gas NO_x removal apparatus, characterized in that the method comprises immersing the NO_x removal catalyst at ambient temperature in regeneration water containing substantially no chlorine and no cleaning component; removing the catalyst from the regeneration water; and removing water from the catalyst.
- 2. A method for regenerating an $NO_{\mathbf{x}}$ removal catalyst according to claim 1, wherein the $NO_{\mathbf{x}}$ removal catalyst is immersed in regeneration water until bubbling stops.
- 3. A method for regenerating an $NO_{\mathbf{x}}$ removal catalyst according to claim 1, wherein the $NO_{\mathbf{x}}$ removal catalyst removed from the regeneration water is washed with water.
- 4. A method for regenerating an $NO_{\mathbf{x}}$ removal catalyst according to claim 2, wherein the $NO_{\mathbf{x}}$ removal catalyst removed from the regeneration water is washed with water.
- 5. A method for regenerating an $NO_{\mathbf{x}}$ removal catalyst according to claim 1, wherein the regeneration water in which the $NO_{\mathbf{x}}$ removal catalyst has been immersed is repeatedly used a plurality of times.
- 6. A method for regenerating an NO_x removal catalyst according to claim 2, wherein the regeneration water in which the NO_x removal catalyst has been immersed is repeatedly used a plurality of times.
 - 7. A method for regenerating an NO, removal catalyst

according to claim 3, wherein the regeneration water in which the $NO_{\mathbf{x}}$ removal catalyst has been immersed is repeatedly used a plurality of times.

- 8. A method for regenerating an NO_x removal catalyst according to claim 4, wherein the regeneration water in which the NO_x removal catalyst has been immersed is repeatedly used a plurality of times.
- 9. A method for regenerating an NO_x removal catalyst according to any of claims 1 to 8, wherein the NO_x removal catalyst having been regenerated is installed in the flue gas NO_x removal apparatus without drying the catalyst before installation.
- 10. A method for regenerating an NO_x removal catalyst according to any of claims 1 to 8, wherein the NO_x removal catalyst having been regenerated is installed in the flue gas NO_x removal apparatus after catalytic performance of the regenerated NO_x removal catalyst is assessed.
- 11. A method for regenerating an NO_x removal catalyst according to claim 9, wherein the NO_x removal catalyst having been regenerated is installed in the flue gas NO_x removal apparatus after catalytic performance of the regenerated NO_x removal catalyst is assessed.
- 12. A method for regenerating an NO_x removal catalyst according to any of claims 1 to 8, wherein the regenerated NO_x removal catalyst is installed in the flue gas NO_x removal apparatus such that the catalyst is inverted with respect to the direction of the flow of discharge gas.

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- 13. A method for regenerating an NO_x removal catalyst according to claim 9, wherein the regenerated NO_x removal catalyst is installed in the flue gas NO_x removal apparatus such that the catalyst is inverted with respect to the direction of the flow of discharge gas.
- 14. A method for regenerating an NO_x removal catalyst according to claim 10, wherein the regenerated NO_x removal catalyst is installed in the flue gas NO_x removal apparatus such that the catalyst is inverted with respect to the direction of the flow of discharge gas.
- 15. A method for regenerating an NO_x removal catalyst according to claim 11, wherein the regenerated NO_x removal catalyst is installed in the flue gas NO_x removal apparatus such that the catalyst is inverted with respect to the direction of the flow of discharge gas.